

The diagram illustrates a microfluidic device for the synthesis of a dendritic polymer. It consists of two main parts: a linear flow path (top) and a circular flow path (bottom).

Linear Flow Path (Top):

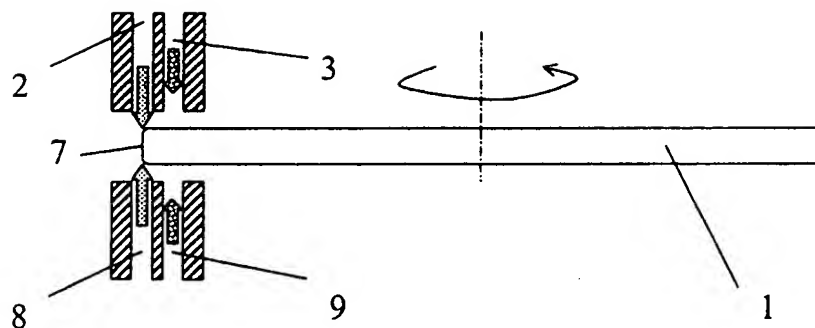
- 1:** Liquid (represented by a dotted pattern).
- 2:** Tensio-active gas (represented by a cross-hatched pattern).
- 3:** Junction where the liquid and gas meet.
- 4:** Liquid-gas interface.
- 5:** Dendritic monomer (represented by a dotted pattern).
- 6:** Dendritic polymer (represented by a dotted pattern).

Circular Flow Path (Bottom):

- 1:** Liquid (represented by a dotted pattern).
- 2:** Tensio-active gas (represented by a cross-hatched pattern).
- 3:** Junction where the liquid and gas meet.
- 4:** Liquid-gas interface.
- 5:** Dendritic monomer (represented by a dotted pattern).
- 6:** Dendritic polymer (represented by a dotted pattern).

Legend:

- liquid:** Dotted pattern.
- tensio-active gas:** Cross-hatched pattern.





 liquid
 tensio-active gas

Fig 1b

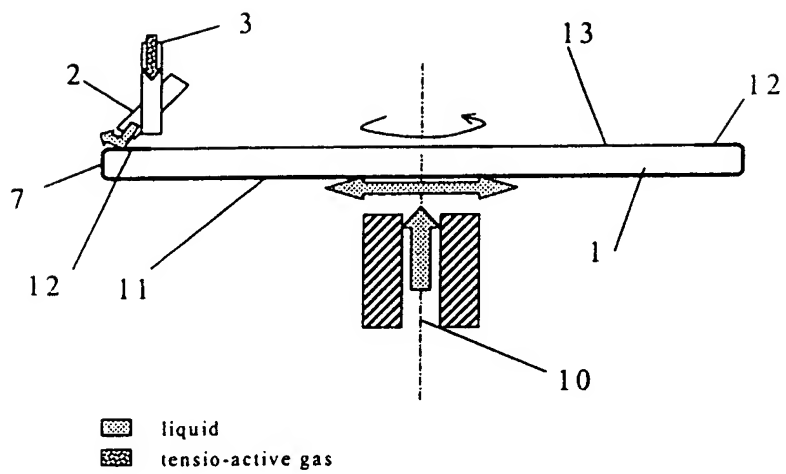


Fig. 1c

Figure 1 is a schematic diagram of a microfluidic device. It consists of two views: a cross-sectional view (top) and a top view (bottom). The cross-sectional view shows a central channel (22) and side channels (23) within a disk (1). Arrows indicate flow directions: A and A' for the central channel, B and B' for the side channels, and 19 for the outer ring. The device is labeled 20. The top view shows a circular disk with a central hole, surrounded by concentric rings labeled 22, 23, and 21. Arrows indicate flow directions: B and B' for the side channels, and 19 for the outer ring. The device is labeled 20.

2024-09-04 14:00:00

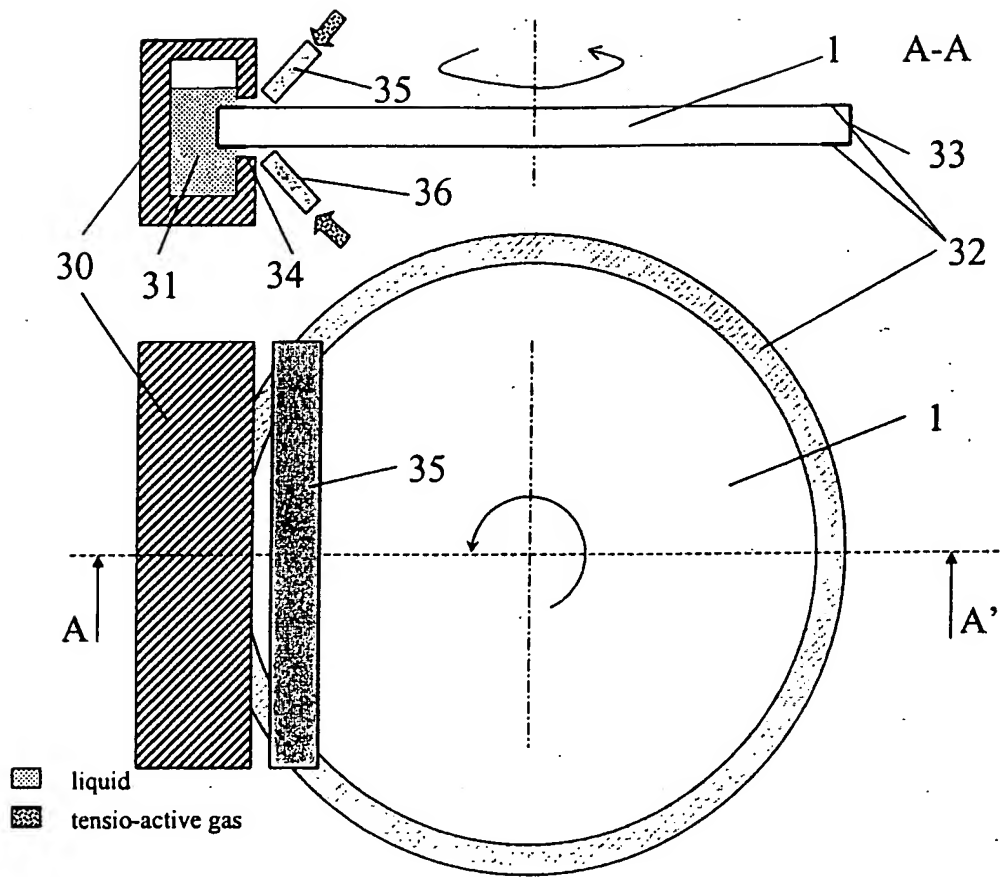


Fig. 3a

202450: 50472004

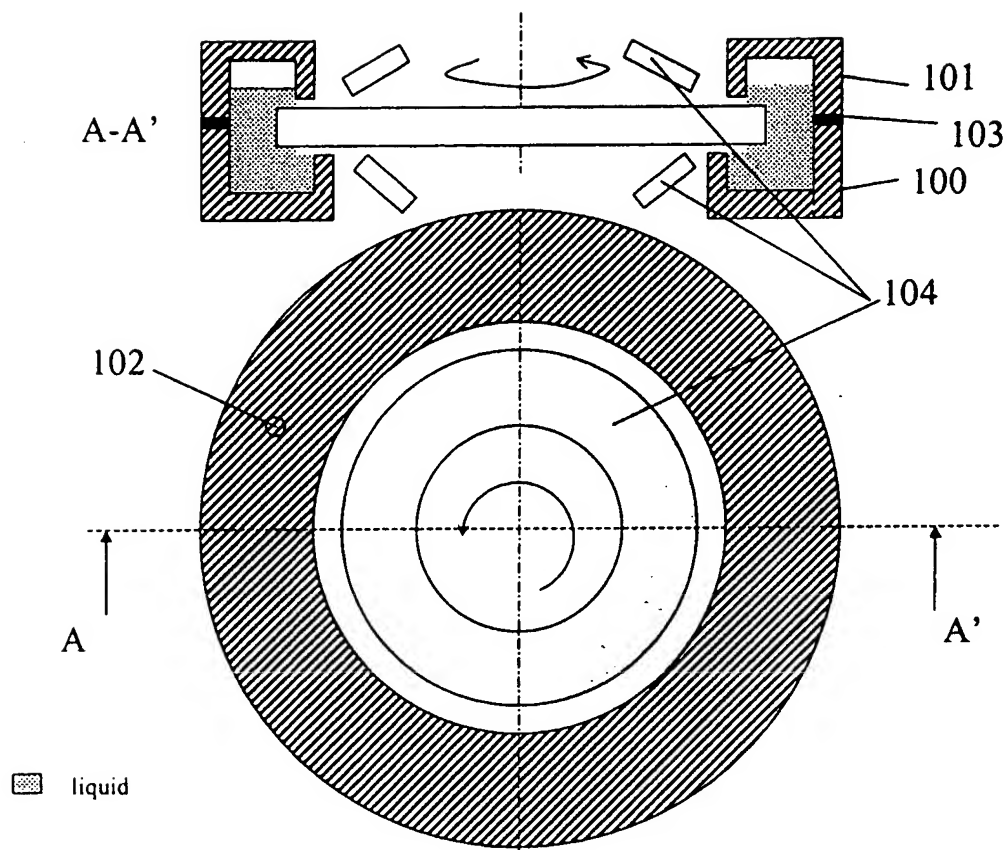


Fig. 3b

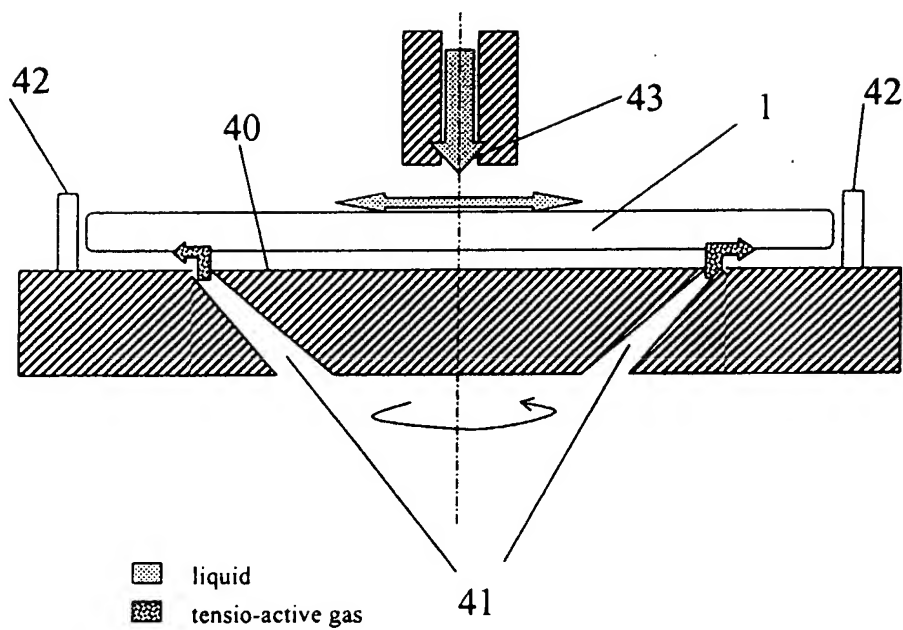


Fig. 4

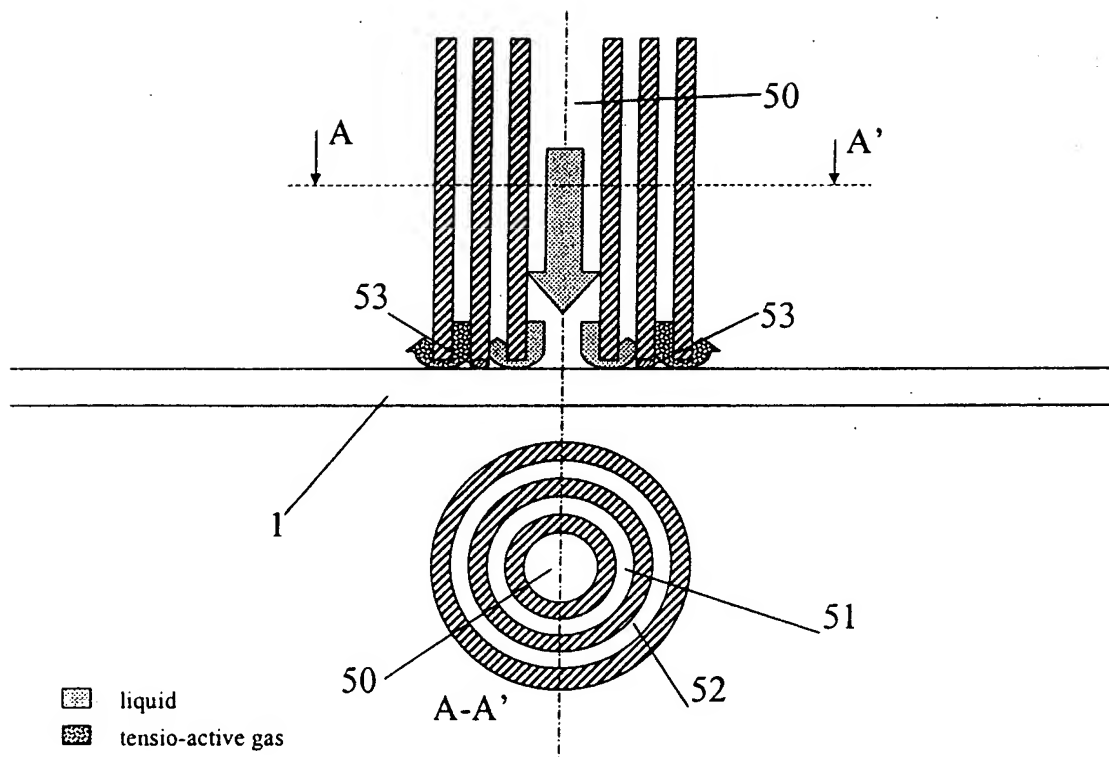


Fig. 5a

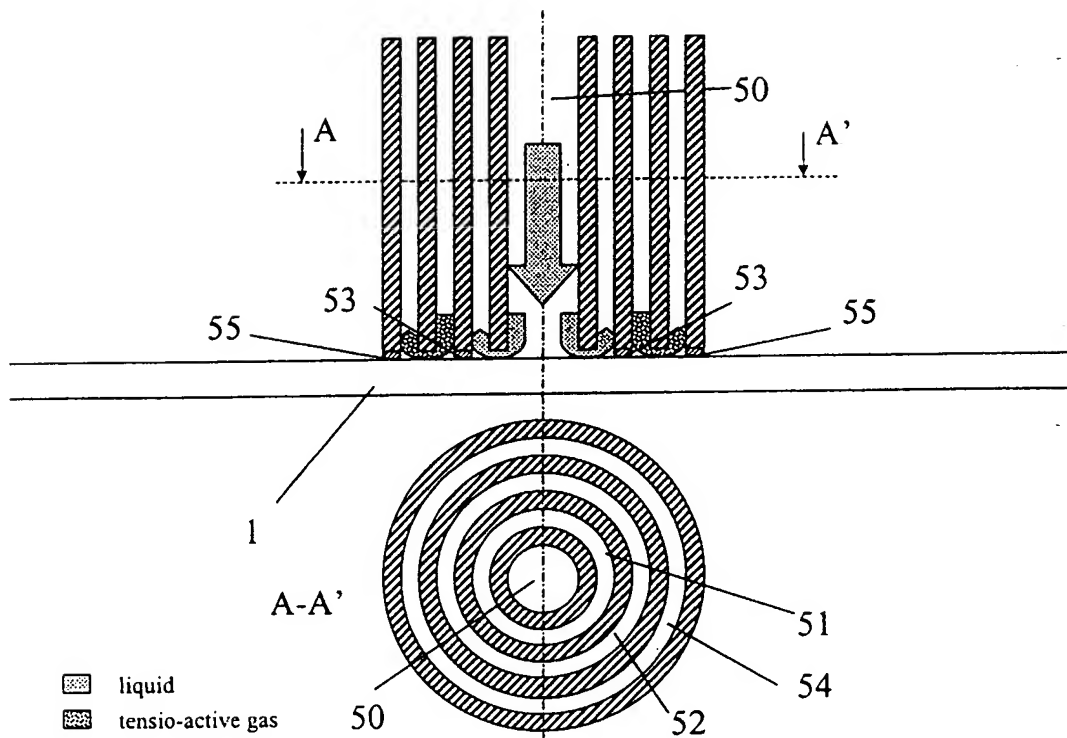


Fig. 5b

2024-03-29 09:21:00

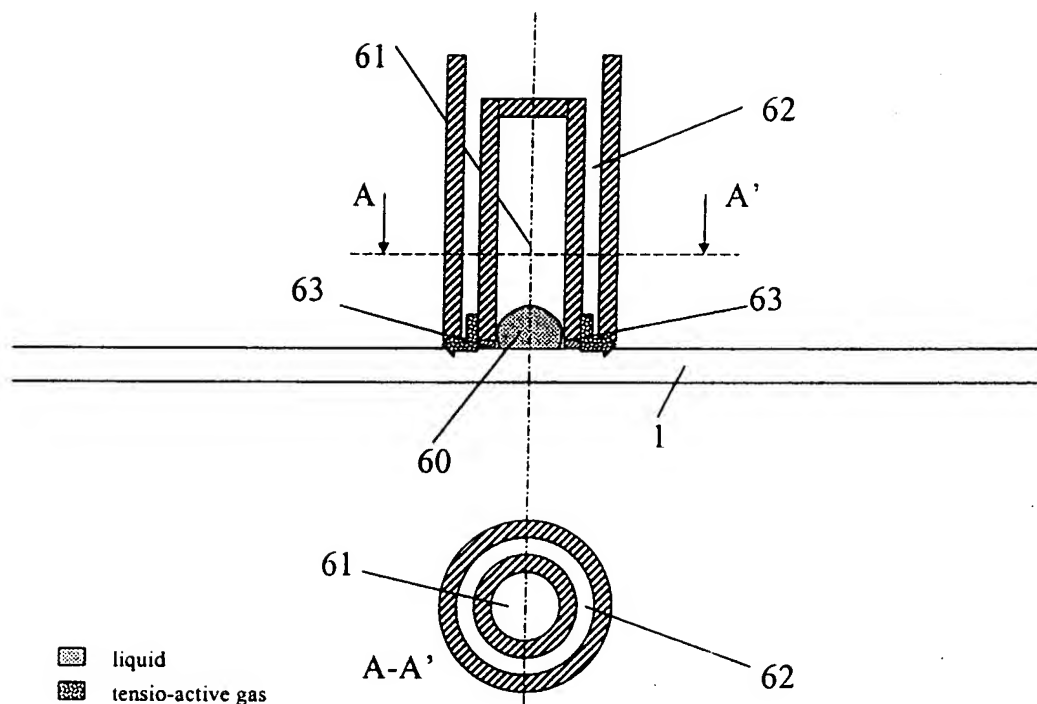
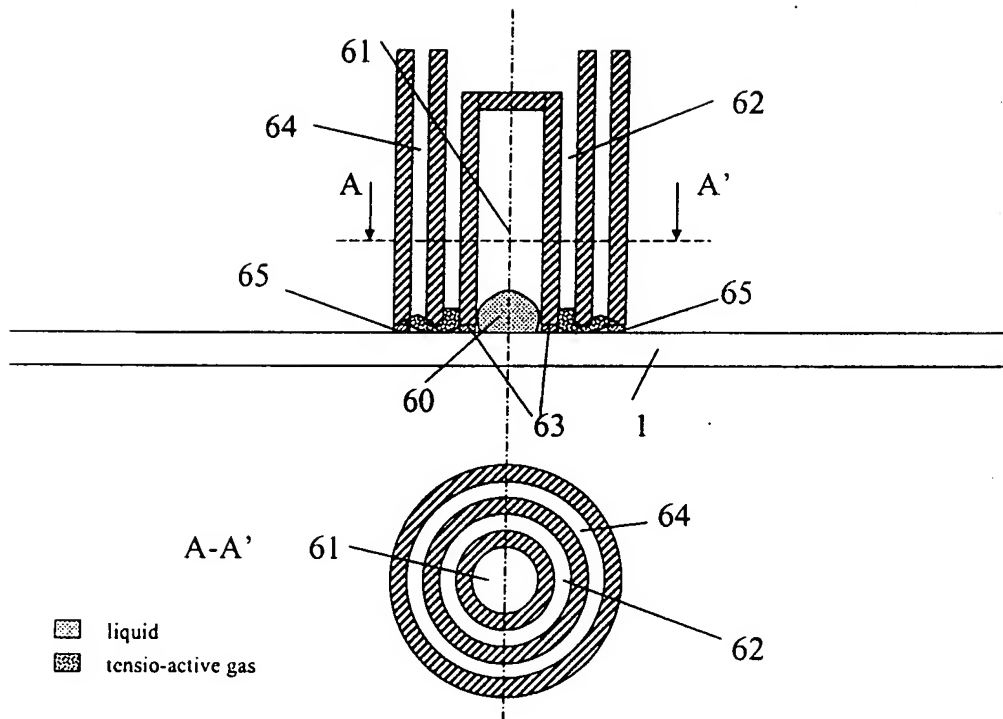


Fig. 6a



liquid
 tensio-active gas

Fig. 6b